

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	439	(711/117).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/05 16:32
L2	189	L1 and (management.clm. or discovery.clm. or information.clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:32
L3	2997	L2 and collect.clm. or gather.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:32
L4	2	L2 and (collect.clm. or gather.clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:34
L5	66	kaneda-yasunori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:35
L6	0	shinohara-deisuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:35
L7	66	L5 or L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 16:35
S1	3598	hierarchical near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 13:27

## EAST Search History

S2	1021	S1 and virtual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/20 15:39
S3	907	S2 and (capacity or volume or size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/20 15:39
S4	648	S2 and (capacity or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/20 15:39
S5	538	S2 and (capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/20 15:40
S6	6	S4 and ((calculate or measure) with (volume or capacity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:20
S7	2	("5651133").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 15:55
S8	2	("5666512").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 15:55
S9	2	("6457101").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 15:56

## EAST Search History

S10	2	("6779078").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 15:56
S11	2	("20020002656").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 15:57
S12	5092	(711/6,117,118,112,113,119,122).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 11:48
S13	815	(707/205).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 11:48
S14	78	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 11:48
S15	5829	S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 11:49
S16	249	S15 and (file allocation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 11:49
S17	185	S16 and (capacity or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 12:12

## EAST Search History

S18	56	S17 and (hierarchical or hierarchy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 12:12
S19	3602	hierarchical near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 12:49
S20	26	S19 and lvm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/01 16:43
S21	2010	emc.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 15:24
S22	9	S21 and smapp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 16:25
S23	3602	hierarchical near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 16:26
S24	147	S23 and ((volume or capacity) near2 (manage\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/07/22 16:26
S25	388	(disk drive with identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/01 16:44

## EAST Search History

S26	12	S25 and (identifier same manufacturer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/01 16:44
S27	50	kaneda-yasunori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/02 17:22
S28	0	shinohara-deisuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/02 17:22
S29	72	fujita-takahiro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/02 17:23
S30	50	S27 or S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/02 17:23
S31	117	S27 or S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/02 17:23
S32	5551	computer and ((identifier or identity or label or ID) near3 (virtual or volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 12:17
S33	770	S32 and ((virtual or volume) near2 (manage or assign or name))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 12:18

## EAST Search History

S34	100	S33 and ((name or ID or inentifier) near3 (change or rename))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 13:04
S35	35	S34 and microsoft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 13:04
S36	50	kaneda-yasunori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 15:04
S37	5095	((714/7,710) or (713/1,100) or (711/170,2)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 15:05
S38	148	S37 and (hot adj (plug or swap or swappable or spare))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 15:06
S39	50	S38 and virtual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/08/04 15:07
S40	130542	(storage) near3 (manage or management or monitor or control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 10:01
S41	15642	S40 and (storage area network or san or (fiber or fibre) or network attached storage or nas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 10:02

## EAST Search History

S42	5494	(711/6,117,118,112,113,119,122).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 10:03
S43	878	(707/205).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 10:03
S44	713	S41 and (S42 or S43)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 10:03
S45	226	S44 and (hierarchy or hierarchical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 10:03
S46	1	10/811,868	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/12 12:26
S47	10	(("20040257857") or ("20040193760") or ("20030229645") or ("20030188085") or ("20030182177")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 16:57
S48	7625	mogi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 16:58
S49	75	mogi-kazuhiko.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/05 16:58

## EAST Search History

S50	12	("20020019909"   "20020161983"   "20030115406"   "20040044698"   "20040078644"   "5577231"   "5897661"   "5948062"   "6047294"   "6216202"   "6732104"   "6766359").PN. OR ("6889309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/01/10 08:44
S51	342	(714/57).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 12:26
S52	38	S51 and san	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/12 12:29
S53	14838	GUI and (error or warning)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/12 12:29
S54	3323	S53 and san	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/12 12:30
S55	28	S54 and san manager	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/12 12:30
S56	56	kaneda-yasunori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/13 07:42
S57	0	shinohara-deisuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/13 07:42

## EAST Search History

S58	77	fujita-takahiro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/13 07:42
S59	125	S56 or S57 or S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/01/13 07:42
S60	2	("20030172239").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:47
S61	2181	(711/202,203).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:43
S62	2181	(711/202,203).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:06
S63	15	S62 and ((capacity or available or space) near2 (calculate or measure or monitor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:07
S64	3952	hierarchical near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:20
S65	1147	S64 and virtual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:20

## EAST Search History

S66	739	S65 and (capacity or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:20
S67	8	S66 and ((calculate or measure) with (volume or capacity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/07 16:21
S68	120	S64 and subtract	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 13:12
S69	59	kaneda-yasunori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 13:13
S70	0	shinohara-deisuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 13:13
S71	81	fujita-takahiro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 13:13
S72	131	S69 or S70 or S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 14:02
S73	433	(711/117).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 14:02

## EAST Search History

S74	33	S73 and (capacity.clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/03/08 14:03
S75	4138	hierarchical near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 13:27
S76	28919	(hierarchical or hierarchy or virtualization or virtual) near2 (memory or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 13:28
S77	1078	S76 and discovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 13:32
S78	250	S77 and ((information or status) near3 (gather or gathering or collect or collecting))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/05 13:38
S79	439	(711/117).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/05 15:11